

ABSTRACT

A method and system for actuating a pole tip of a write head is disclosed. The write head includes a first pole and a second pole. The method and system include providing a strain element and providing a coil. The strain element is electrically insulated from the first pole and the second pole. The strain element is further configured to produce a strain for actuating the pole tip in response to a magnetic field. The coil carries a current capable of producing the magnetic field at the strain element.